| Ind | lev | of | CI | aims |
|-----|-----|----|----|------|



Application/Control No.

Joseph L. Williams

10/751,607

Examiner

Applicant(s)/Patent under Reexamination

WU ET AL.

Art Unit

2879

✓ Rejected= Allowed

(Through numeral)
Cancelled

Restricted

Non-Elected
I Interference

A Appeal
O Objected

|             |  |                                     | Ь  |              |  |  | •            | ,        | -            |                |
|-------------|--|-------------------------------------|--|--------------|--|--|--------------|----------|--------------|----------------|
| Cla         | aim  | Date                                |  |              |  |  |              |          |              |                |
| Final       | Original   | 5/13/07                             |  |              |  |  |              |          |              |                |
|             |  | 3                                   |  |              |  | _  |              |          |              |                |
|             | 2  |                                     | _  |              | $\vdash$   |  |              | Н        | _            | $\neg$         |
|             | 3  |                                     |  | -            | $\vdash$   |  | $\vdash$     |          |              | $\neg$         |
|             | 4  | -                                   |  | _            | $\vdash$   |  | $\vdash$     |          | $\vdash$     | $\neg$         |
|             | 5  |                                     |  |              | -  | -  |              |          |              |                |
|             | 1<br>2<br>3<br>4<br>5<br>6   |                                     |  |              |  |  |              |          |              |                |
|             | 7  |                                     |  |              | Г  |  |              |          |              |                |
|             | 7<br>8   |                                     |  | П            |  |  |              |          |              |                |
|             | 9  |                                     |  |              |  |  |              |          |              |                |
|             | 10   |                                     |  |              |  |  |              |          |              |                |
|             | 11   |                                     |  |              | <u> </u>   |  |              |          |              | Ш              |
|             | 12   |                                     |  |              | _  | lacksquare                                       |              | _        | L            | $\Box$         |
| <u> </u>    | 13   | _                                   | _  | <u> </u>     | <u> </u>   | <u> </u>   | _            | <u> </u> | _            | $\dashv$       |
| ļ           | 14   | $\vdash$                            | _  | ⊢            | <del> </del>                                     | _  |              | $\vdash$ | H            | Щ              |
|             | 15   | -                                   | -  | $\vdash$     | $\vdash$   |  |              | <u> </u> |              | -              |
|             | 10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21<br>22<br>23 | $\vdash$                            | $\vdash$   | $\vdash$     | ├  | -  | H            | -        | <u> </u>     | $\vdash\vdash$ |
|             | 10   | ⊢                                   | H  | $\vdash$     | ┝  |  |              |          | _            | Н              |
|             | 10   | ⊢                                   | ⊢  | <del> </del> |  |  | _            | $\vdash$ | _            | $\dashv$       |
|             | 20   | $\vdash$                            | ├-   |              |  |  |              | $\vdash$ |              |                |
| _           | 21   | J                                   | $\vdash$   | -            | -  | $\vdash$   | _            | $\vdash$ | -            |                |
|             | 22   | 1                                   | $\vdash$   | -            | -  |  |              | $\vdash$ |              | $\dashv$       |
| $\vdash$    | 23   | 1                                   |  | H            |  |  |              | -        |              | П              |
|             | 24   | 1                                   |  |              |  |  |              |          |              |                |
|             | 24<br>25<br>26   | 1<br>1<br>1<br>1<br>1<br>1          | Г  | Г            |  |  |              |          |              |                |
|             | 26   | 1                                   |  |              |  |  |              |          |              |                |
|             | 27<br>28<br>29<br>30<br>31   | 1                                   |  |              |  |  |              |          |              |                |
|             | 28   | 1                                   |  |              |  |  |              |          |              |                |
|             | 29   | 1                                   | _  |              |  |  |              |          |              |                |
| L           | 30   | ١×                                  | <u> </u>   | _            |  |  | _            |          | <u> </u>     | L              |
| <u> </u>    | 31   | 1                                   | ├  |              | <u> </u>   |  | L            |          |              |                |
|             | 32<br>33   | 1                                   | -  | ├            |  | $\vdash$   | -            |          |              |                |
| <del></del> | 34   | 1                                   | ├  | ⊢            | $\vdash$   | $\vdash$   | <del> </del> | <u> </u> |              | $\vdash$       |
| $\vdash$    | 35   | J                                   | ⊢  | $\vdash$     |  | $\vdash$   | $\vdash$     | H        | $\vdash$     | $\vdash$       |
| <del></del> | 35<br>36   | 1                                   | $\vdash$   | $\vdash$     | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$     |                |
| $\vdash$    | 37   |                                     | <del>                                     </del> | $\vdash$     |  | $\vdash$   | $\vdash$     |          | <del> </del> | $\vdash$       |
|             | 38   | 1                                   | Г  | Т            | $\vdash$   | <del>                                     </del> | Т            |          | Т            |                |
|             | 38<br>39   |                                     |  |              | П  | Г  |              |          | <u> </u>     |                |
|             | 40   |                                     |  |              |  |  |              |          | Ľ.           |                |
|             | 41   |                                     |  |              |  |  |              |          |              |                |
|             | 42   | oxdot                               |  | L            | 匚  |  |              |          |              |                |
|             | 43   | <u> </u>                            | <u> </u>   | _            | <u> </u>   | _  | <u></u>      | <u> </u> |              |                |
|             | 44   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | _  |              |  |  |              | _        | _            |                |
|             | 45   |                                     |  |              | 100  |  |              |          | _            |                |
| <u> </u>    | 46   | <u> </u>                            | $\vdash$   | $\vdash$     | <u> </u>   | $\vdash$   | <u> </u>     | $\vdash$ | <u> </u>     | $\vdash$       |
| _           | 47   | $\vdash$                            | $\vdash$   | <u> </u>     | -  | $\vdash$   | ⊢            | $\vdash$ | $\vdash$     | $\vdash$       |
| <u> </u>    | 48   | $\vdash$                            | $\vdash$   | <del> </del> | ├  | $\vdash$   | ├            | ⊢        | $\vdash$     | Н              |
| $\vdash$    | 49<br>50   | $\vdash$                            |  | $\vdash$     |  | $\vdash$   | -            | -        | $\vdash$     | $\vdash$       |
| 1           | ı JU   |                                     |  |              |  |  |              |          |              |                |

| Cla          | Date     |          |          |   |          |          |          |     |          |          |
|--------------|----------|----------|----------|---|----------|----------|----------|-----|----------|----------|
|              |          |          |          |   |          |          |          |     |          |          |
| Final        | Original |          |          |   |          |          |          |     |          |          |
|              | 51       |          |          |   |          |          |          |     |          |          |
|              | 52       | l        |          |   |          |          |          |     |          |          |
|              | 52<br>53 |          |          |   |          |          |          |     |          |          |
|              | 54       |          |          |   |          |          |          |     |          |          |
|              | 55       | $\dashv$ | _        |   | _        |          |          |     |          |          |
| <b>—</b>     | 56       | $\dashv$ | _        |   | Н        |          | _        | _   |          | _        |
| -            | 57       | -        | $\dashv$ |   | Н        |          | _        | _   |          |          |
| -            | 58       | -        | =        |   | -        |          |          |     |          |          |
| <b></b>      | 59       | $\dashv$ | _        | _ | Н        | -        | _        |     |          |          |
| <del>-</del> | 60       | -        | -        | - |          | _        |          |     | -        |          |
|              | 61       | -        |          |   |          |          |          | _   | -        | _        |
|              | 62       | -        | _        |   | Н        | -        |          |     |          |          |
|              | 63       | -        | _        |   |          |          |          | _   | _        |          |
|              | 64       |          |          |   | Н        | -        |          |     |          |          |
|              | 65       | -        | _        |   | Н        | _        |          |     |          | _        |
| -            | 66       |          | _        | _ |          |          | _        | _   |          | _        |
| ļ            | 66<br>67 | $\vdash$ | _        | _ | $\vdash$ |          |          |     |          |          |
|              | 68       | -        |          |   | -        | -        | -        |     | $\vdash$ |          |
|              | 69       |          | -        |   | H        |          |          |     |          |          |
| <u> </u>     | 70       | $\dashv$ |          |   |          |          |          |     |          | _        |
| -            | 71       |          | _        |   | -        | _        | $\vdash$ |     | _        |          |
|              | 72       | $\dashv$ | _        | _ | -        | -        | -        |     |          | _        |
| -            | 72<br>73 |          | -        |   |          |          | $\vdash$ |     |          |          |
|              | 74       |          |          | - |          |          |          |     |          |          |
|              | 74<br>75 |          | _        | _ | _        | _        |          |     |          |          |
|              | 76       |          | _        |   |          |          |          |     |          |          |
| 1            | 77       |          |          |   |          |          |          |     |          |          |
|              | 78       |          |          |   |          |          |          |     |          |          |
|              | 79       |          |          |   |          |          |          |     |          |          |
|              | 80       |          |          |   |          |          |          |     |          |          |
|              | 81       |          |          |   |          |          |          |     |          |          |
|              | 82<br>83 |          |          |   |          |          |          |     |          |          |
|              | 83       |          |          |   |          |          |          |     |          |          |
|              | 84       |          |          |   | <u> </u> |          |          |     |          |          |
|              | 85       |          |          |   | L_       |          |          | _   |          |          |
|              | 86       | $\Box$   |          |   | oxdot    | Щ        | L        |     | L.       |          |
|              | 87       | Ш        |          |   |          | L.,      |          | L., |          | L.       |
|              | 88       | Ш        |          |   |          |          |          | _   |          |          |
|              | 89       | Ш        |          |   | _        |          | _        | _   |          | _        |
|              | 90       | Щ        |          |   | L        | <u> </u> | <u> </u> |     | $\vdash$ | <u> </u> |
|              | 91       |          |          |   |          |          | <u> </u> | _   |          |          |
|              | 92       |          |          |   | _        |          | $\vdash$ | _   | -        |          |
|              | 93<br>94 |          |          |   | $\vdash$ | H        | $\vdash$ |     |          | _        |
| _            | 95       | -        | + -1     |   | -        | -        | -        | -   |          | -        |
|              | 96       |          |          | - | -        | -        | $\vdash$ |     |          |          |
|              | 97       |          | -        | - |          | $\vdash$ | $\vdash$ |     | H        | _        |
|              | 98       | Н        |          |   | H        | $\vdash$ | $\vdash$ |     | Н        | Ι        |
|              | 99       | П        |          |   |          |          |          |     |          |          |
|              | 100      | Г        |          |   | Г        |          |          |     |          |          |

| Claim    |                                 | Date     |  |          |   |          |          |   |   |           |
|----------|---------------------------------|----------|--|----------|---|----------|----------|---|---|-----------|
|          |                                 |          |  |          |   |          |          |   |   |           |
| <u>a</u> | ina                             |          |  |          |   |          |          |   |   |           |
| Final    | Original                        |          |  |          |   |          |          |   |   | ll        |
|          | 0                               |          |  |          |   |          |          |   |   | l         |
| <b></b>  | 101                             |          | _  | $\vdash$ |   | _        |          | _ | _ | П         |
|          | 101<br>102                      |          |  | -        |   |          |          |   | - | Н         |
|          | 103                             |          |  | $\vdash$ |   | _        |          |   | _ | П         |
|          | 103<br>104<br>105<br>106        |          |  |          |   |          |          | _ |   | Н         |
| -        | 105                             |          |  |          |   |          |          |   |   | П         |
|          | 106                             |          | $\vdash$   |          |   |          |          |   |   | $\sqcap$  |
|          | 107                             |          | $\vdash$   |          |   |          |          |   |   | П         |
|          | 108                             |          |  |          |   |          |          |   |   |           |
|          | 109                             |          |  |          |   |          |          |   |   | П         |
|          | 110                             |          |  |          |   |          |          |   |   | П         |
|          | 111                             |          |  |          |   |          |          |   |   |           |
|          | 112                             |          | $\vdash$   |          |   |          |          |   |   | П         |
|          | 111<br>112<br>113               |          | l  |          |   |          |          |   |   | П         |
|          | 114                             |          | Г  |          | П |          | $\Box$   |   | П | П         |
|          | 114<br>115                      |          | Г  |          |   |          |          |   |   | П         |
|          | 116                             |          | $\vdash$   | Г        | _ |          |          |   |   | П         |
|          | 117                             | <u> </u> |  | Г        |   | Г        |          | П |   | $\square$ |
|          | 118                             |          | $\vdash$   |          |   |          |          |   |   | П         |
|          | 119                             | $\vdash$ | $\vdash$   | Т        |   | _        | $\vdash$ |   |   | П         |
|          | 120                             | Н        | <del>                                     </del> | Т        | - | _        |          |   | Ė | М         |
|          | 118<br>119<br>120<br>121        | $\vdash$ | ┢  |          |   |          |          |   |   | П         |
|          | 122<br>123<br>124               | ┢        | -  | Т        |   |          |          |   |   | Н         |
|          | 123                             | Г        | _  |          |   | $\vdash$ |          |   |   | П         |
|          | 124                             | ┢        | _  | Т        |   | Г        |          |   |   |           |
|          | 125<br>126<br>127               |          | $\vdash$   |          |   |          |          |   |   | П         |
|          | 126                             | Г        | _  |          |   | Г        |          |   |   | П         |
|          | 127                             |          | $\vdash$   |          |   | _        | Г        |   |   | П         |
|          | 128                             | ·        |  |          |   |          |          |   |   |           |
|          | 129                             |          |  |          |   |          |          |   |   |           |
|          | 128<br>129<br>130<br>131<br>132 |          |  |          |   |          | Г        |   |   |           |
|          | 131                             |          | _  |          |   | Г        |          | Т |   | П         |
|          | 132                             |          |  | Г        |   |          |          |   |   |           |
|          | 133                             |          |  |          |   |          |          |   | Г |           |
|          | 133<br>134                      |          |  |          |   |          |          |   |   |           |
|          | 135                             |          |  |          |   |          |          |   |   |           |
|          | 136                             |          |  |          |   |          |          |   |   |           |
|          | 136<br>137                      |          |  |          |   |          |          |   |   |           |
|          | 138                             |          |  |          | L |          |          |   |   |           |
|          | 139                             |          |  |          |   |          |          |   |   |           |
|          | 140                             |          |  |          |   |          |          |   |   |           |
|          | 141                             |          |  |          | L |          |          |   |   |           |
|          | 142                             |          |  |          |   |          |          |   |   |           |
|          | 143                             |          |  |          |   |          |          |   |   |           |
|          | 144                             |          |  |          |   |          |          |   |   |           |
|          | 145                             |          |  |          |   |          |          |   |   | - 7       |
|          | 146                             |          |  |          |   |          |          |   |   |           |
|          | 147                             |          |  |          |   |          |          |   |   |           |
|          | 148                             |          |  |          |   |          |          |   |   |           |
|          | 149                             |          |  |          |   |          |          |   |   |           |
|          | 150                             |          |  |          |   |          |          |   |   | $\Box$    |